

# Converting Colors

Hex(C585F8)

Have a look what the booklet for  
Hex(C585F8) contains.

<b>Hex(C585F8)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(C585F8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C585F8
RGB	197, 133, 248
RGB Percent	77%, 52%, 97%
CMY	0.2275, 0.4784, 0.0275
CMYK	0.21, 0.46, 0.00, 0.03
HSL	273°, 89%, 75%
HSV	273°, 46%, 97%
XYZ	48.3568, 35.4227, 93.0955
YIQ	165.2460, 1.2290, 49.3330

# Conversions

## Conversions Part 2

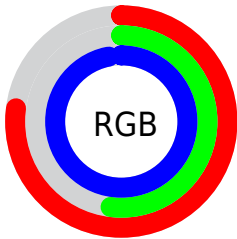
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">197, 133, 248</a>
Decimal	<a href="#">12944888</a>
CIELab	<a href="#">66.08, 45.38, -48.31</a>
CIElCh	<a href="#">66, 66.283, 313.206</a>
Yxy	<a href="#">35.4227, 0.2734, 0.2003</a>
Android (android.graphics.Color)	<a href="#">4291134968</a> <a href="#">(0xFFC585F8)</a>
YUV	<a href="#">165.2460, 40.7977, 27.8483</a>
Hunter-Lab	<a href="#">59.5170, 40.8743, -51.0786</a>

# Details

The Hex color **C585F8** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **B8F885**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFBBFF**, and **8D51BF** is the 20% darker color. If you saturate the color by 10%, you get **BA6CF8**, and if you desaturate by 10%, it is **D09EF8**.

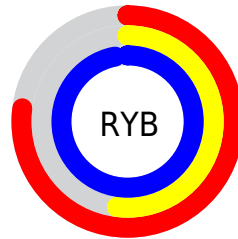
# Distribution



Red (77%)

Green (52%)

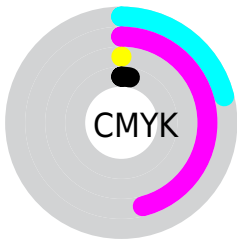
Blue (97%)



Red (77%)

Yellow (52%)

Blue (97%)

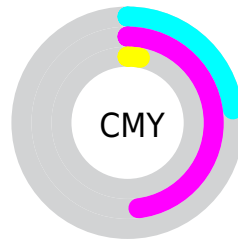


Cyan (21%)

Magenta (46%)

Yellow (0%)

Black (3%)



Cyan (23%)

Magenta (48%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C585F8 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color C585F8 by changing the saturation by 10% instead.



 C585F8

 C585F8


FFFFFF

 A96BDB

 FFBBFF

 8D51BF

 FFD8FF

 7138A4

 FFF4FF

 561F89

 3C016F

 200056

 00003E

 000327

 000110

 C585F8

 C585F8

 BA6CF8

 D09EF8

 AF53F8

 DBB7F8

 A43BF8

 E6CFF8

 9922F8

 F1E8F8

 8E09F8

 FCFFF8

 8A00F8

 FFFFF8

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



599EFF



C585F8



FB6DC4

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



C585F8



DA9125



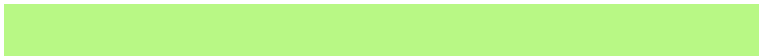
00BDBA

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



C585F8



B8F885

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



00BB7C



C585F8



A6A619

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C585F8



FF7951



62B343



00BAF1

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C585F8



FF669D



62B343



00BDA5



# Sweetspot

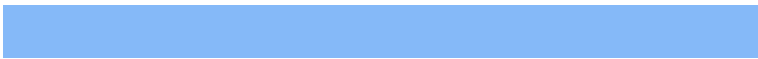
The Sweet Spot groups the original color and five complimentary colors.



C585F8



EFDBFF



85B9F8



766A80



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



C585F8



C070FF



F885F2



77707D



6900BD



22003D



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



F885B8



FF70B0



85F88B



7D7076



BD0054

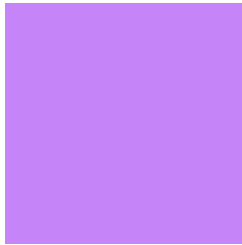


3D001B



# Previews

## White Background



This preview shows how the Hex color C585F8 looks on a white background.

## Color Contrast Check

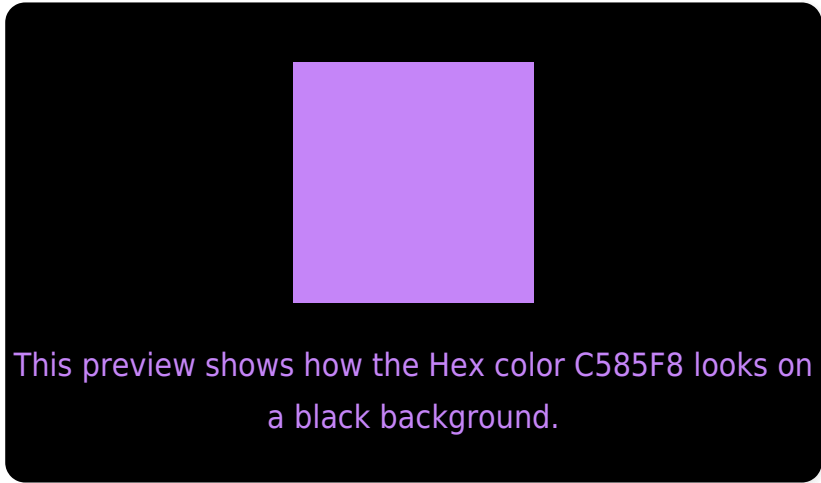
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C585F8 Background



This preview shows how black text looks on a background with the Hex color C585F8.

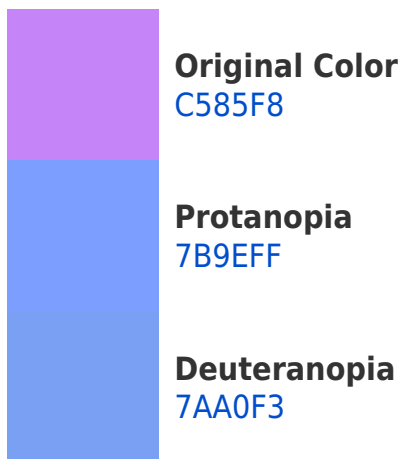


This preview shows how white text looks on a background with the Hex color C585F8.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

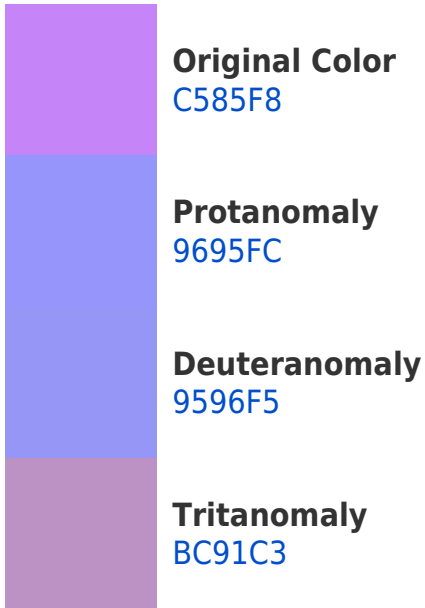
## Dichromacy



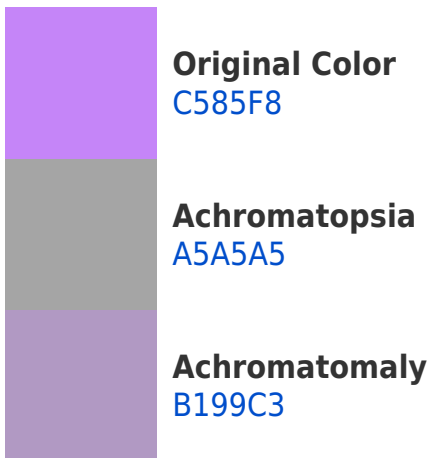


**Tritanopia**  
B798A4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C585F8 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #C585F8 looks like.

```
.text, #text, p{  
    color:#C585F8  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #C585F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C585F8
}
```

## Border

The CSS property to change the border of an element to Hex C585F8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C585F8 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#C585F8 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #C585F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C585F8; -webkit-box-shadow:4px 4px  
4px 4px #C585F8; box-shadow:4px 4px 4px  
4px #C585F8 }
```

# Background

The CSS property to change the background color of an element to Hex C585F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C585F8 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#C585F8 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor